

VICKIE /ULTIMAX

CHIPS - 6510

6502 w. 6 bits 10

6566 timer

6581 sound interface chip

6566 video chip (diff vic chip)

TTL pack

2K bytes RAM

UPPER CASE & GRAPHICS

1K nibbles color

Accepts 16K RAM + 2K RAM in cartridge

Memory map - 64K decoded but expansion not planned

64Key membrane - Keybd same as VIC20

F-Keys

Matrix same as VIC.

40 col x 25 lines 320 x 200 dots (pixels)

Equiv

Moving obj. X-Y coord. system 8 definable
movable o 24 dots x 21 dots (48 x 42 expanded)

Indep. X+Y plotting

Collision detection & priority control (overlay)
Better than missile graphics.

8 objects (sprites) controllable by the chip.

Raster interrupt & lts

Max. is 256.

VICKIE - 8 movable obj. costs 512 bytes.

Atari has - 128 bytes. / VICKIE better than Mattel.

3 voices - indep. ADSP Attack De
Sustain D.

3 wave forms + noise 0.1 Hz - 4Kz in .1 Hz steps.
Has 2 pole filter

Addit. overlay Keybds for

1. Audio 2. Click
under softw.

Keybd - real keytops

Atari style and apple addontype analog

True X/Y pot joystick

Only 2 at a time

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